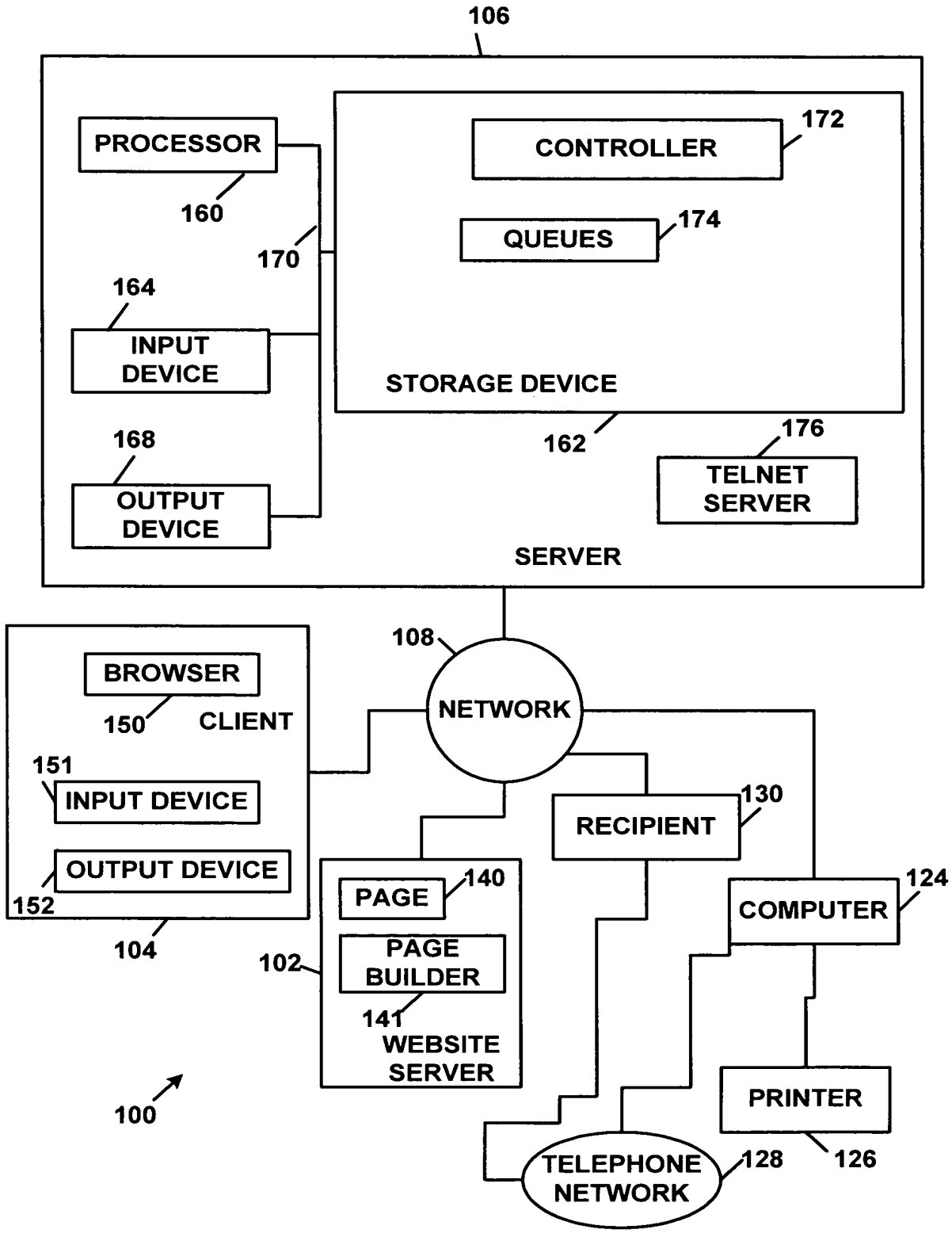
106
PROCESSOR
160
170
CONTROLLER
172
QUEUES
174
164
INPUT DEVICE
STORAGE DEVICE
162
176
TELNET SERVER
168
OUTPUT DEVICE
SERVER
108
NETWORK
BROWSER
150
CLIENT
151
INPUT DEVICE
OUTPUT DEVICE
152
104
102
PAGE
140
PAGE BUILDER
141
WEBSITE SERVER
RECIPIENT
130
COMPUTER
124
PRINTER
126
TELEPHONE NETWORK
128
100

FIG. 1

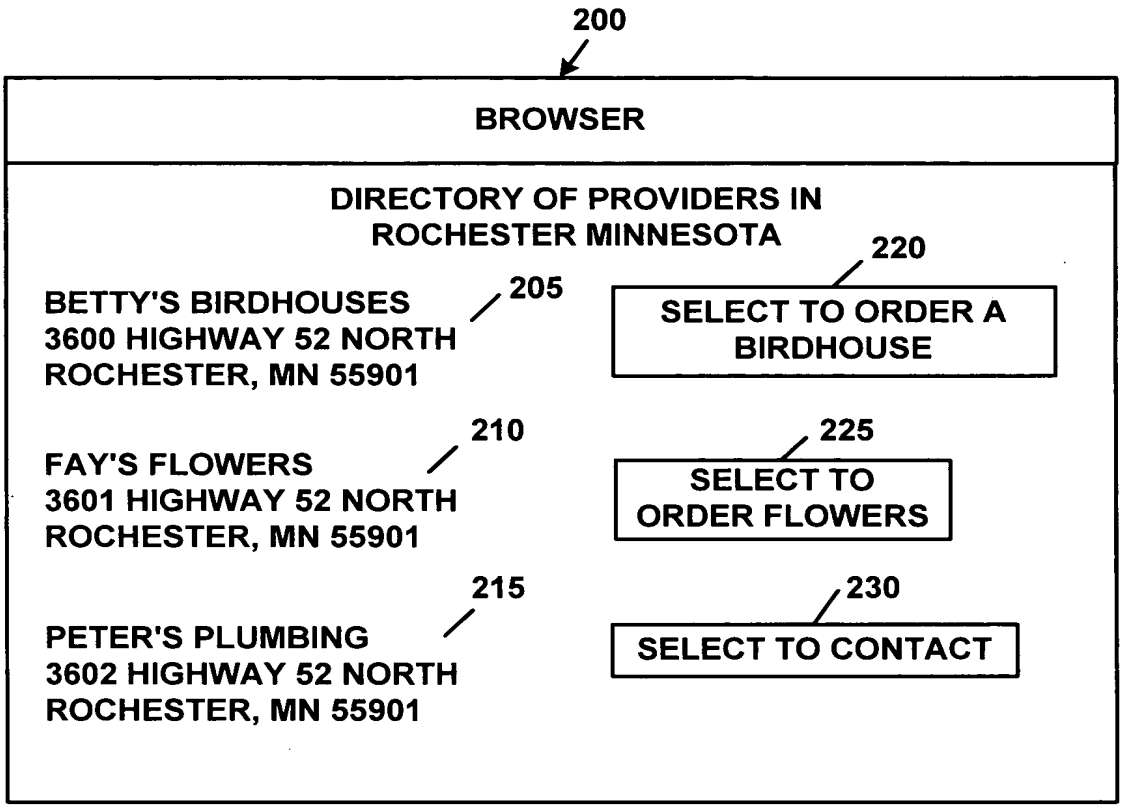
200
BROWSER
DIRECTORY OF PROVIDERS IN ROCHESTER MINNESOTA
220
BETTY'S BIRDHOUSES
3600 HIGHWAY 52 NORTH
ROCHESTER, MN 55901
205
SELECT TO ORDER A BIRDHOUSE
210
225
FAY'S FLOWERS
3601 HIGHWAY 52 NORTH
ROCHESTER, MN 55901
SELECT TO ORDER FLOWERS
215
230
PETER'S PLUMBING
3602 HIGHWAY 52 NORTH
ROCHESTER, MN 55901
SELECT TO CONTACT

FIG. 2A

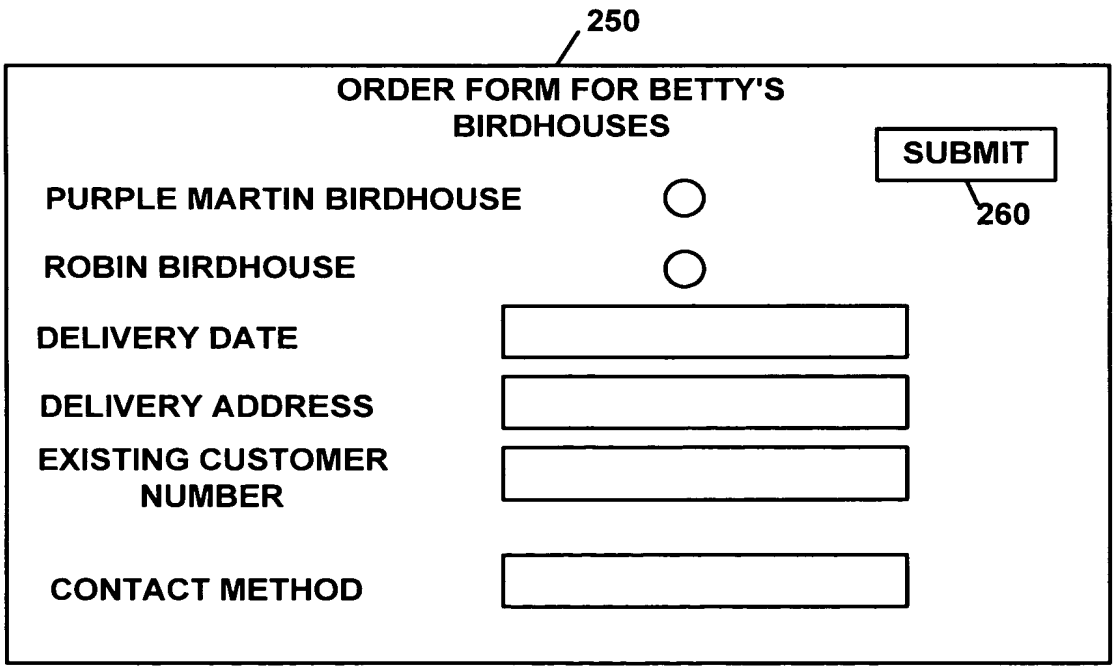
250
ORDER FORM FOR BETTY'S BIRDHOUSES
SUBMIT
260
PURPLE MARTIN BIRDHOUSE
ROBIN BIRDHOUSE
DELIVERY DATE
DELIVERY ADDRESS
EXISTING CUSTOMER NUMBER
CONTACT METHOD

FIG. 2B

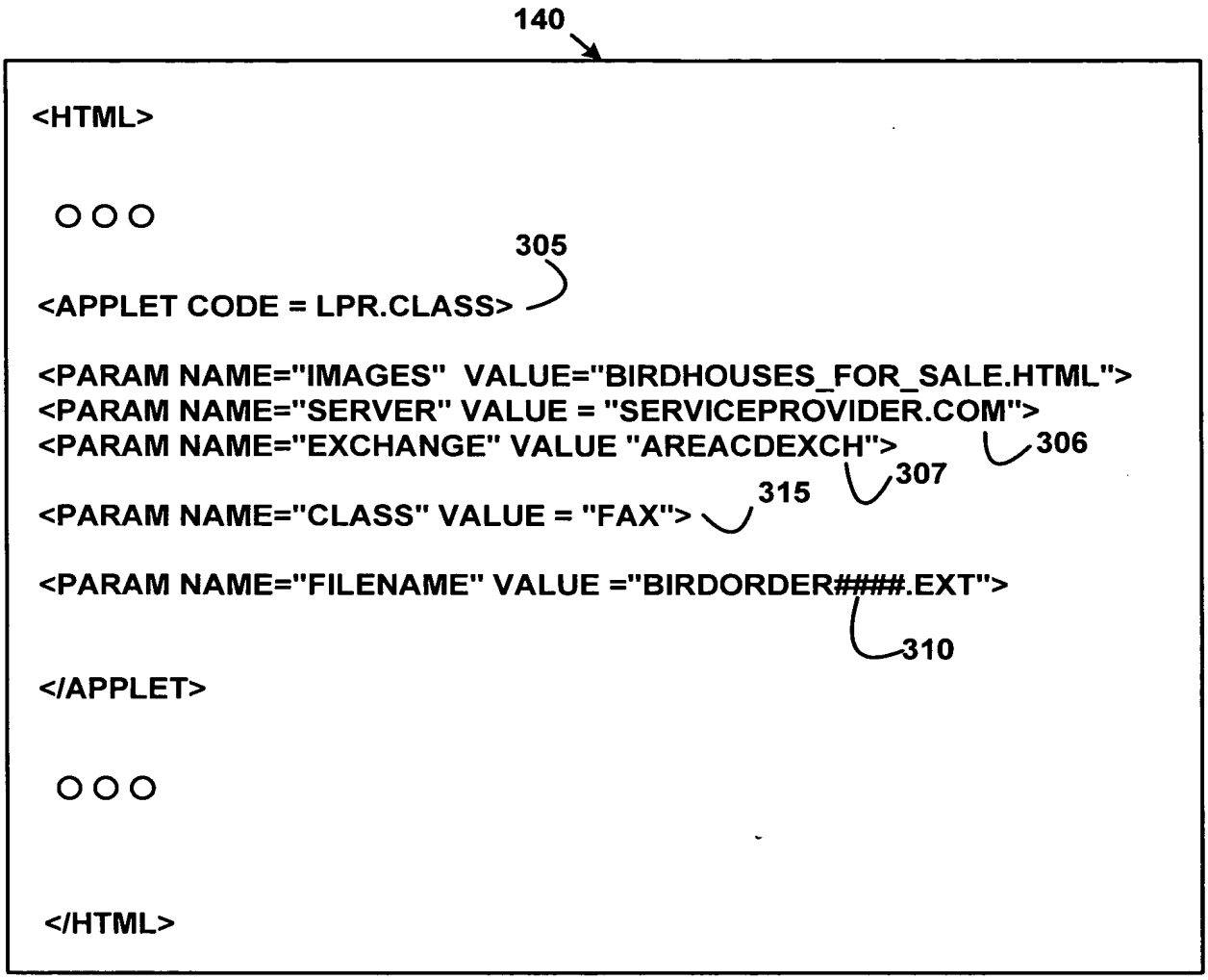
140
<HTML>
O O O
305
<APPLET CODE = LPR.CLASS>
<PARAM NAME="IMAGES" VALUE="BIRDHOUSES_FOR_SALE.HTML">
<PARAM NAME="SERVER" VALUE = "SERVICEPROVIDER.COM">
<PARAM NAME="EXCHANGE" VALUE "AREACDEXCH">
306
307
315
<PARAM NAME="CLASS" VALUE = "FAX">
<PARAM NAME="FILENAME" VALUE ="BIRDORDER####.EXT">
310
</APPLET>
O O O
</HTML>

FIG. 3

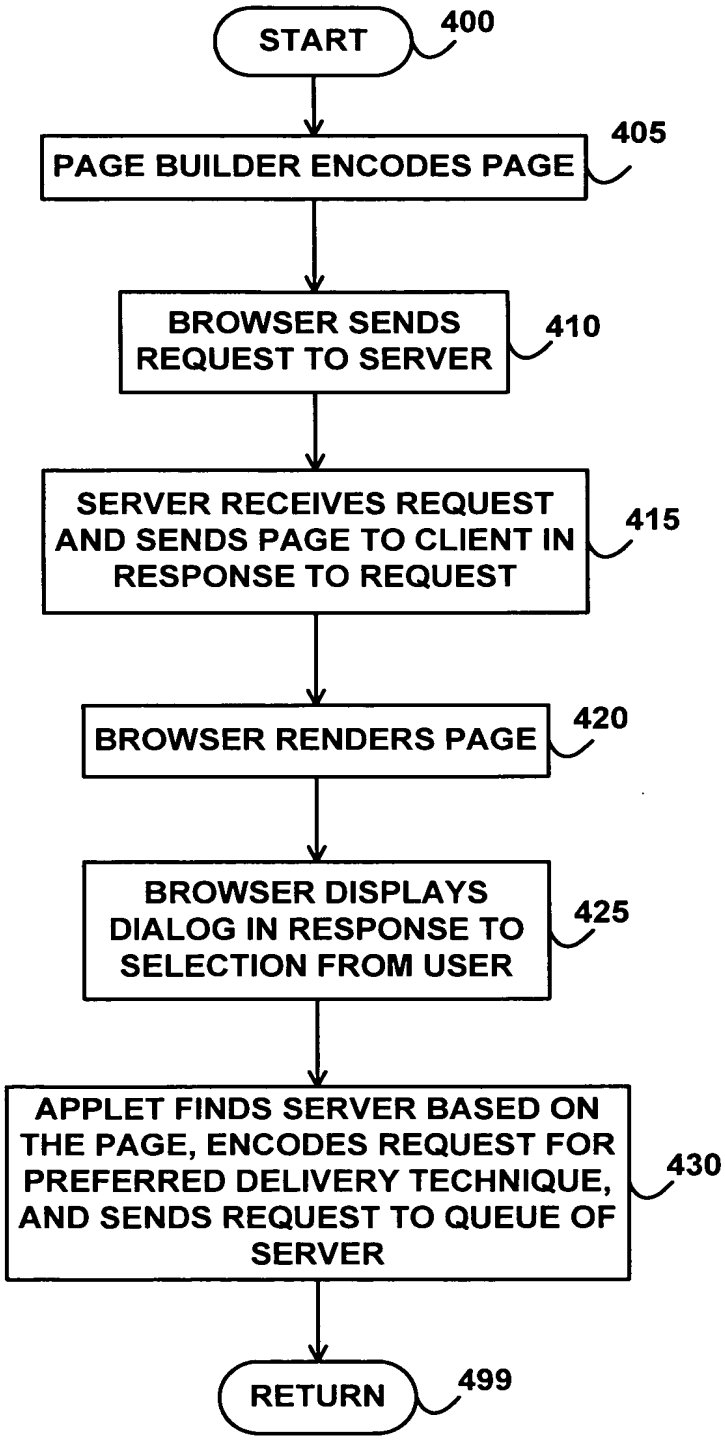
START
400
PAGE BUILDER ENCODES PAGE
405
BROWSER SENDS REQUEST TO SERVER
410
SERVER RECEIVES REQUEST AND SENDS PAGE TO CLIENT IN RESPONSE TO REQUEST
415
BROWSER RENDERS PAGE
420
BROWSER DISPLAYS DIALOG IN RESPONSE TO SELECTION FROM USER
425
APPLET FINDS SERVER BASED ON THE PAGE, ENCODES REQUEST FOR PREFERRED DELIVERY TECHNIQUE, AND SENDS REQUEST TO QUEUE OF SERVER
430
RETURN
499

FIG. 4

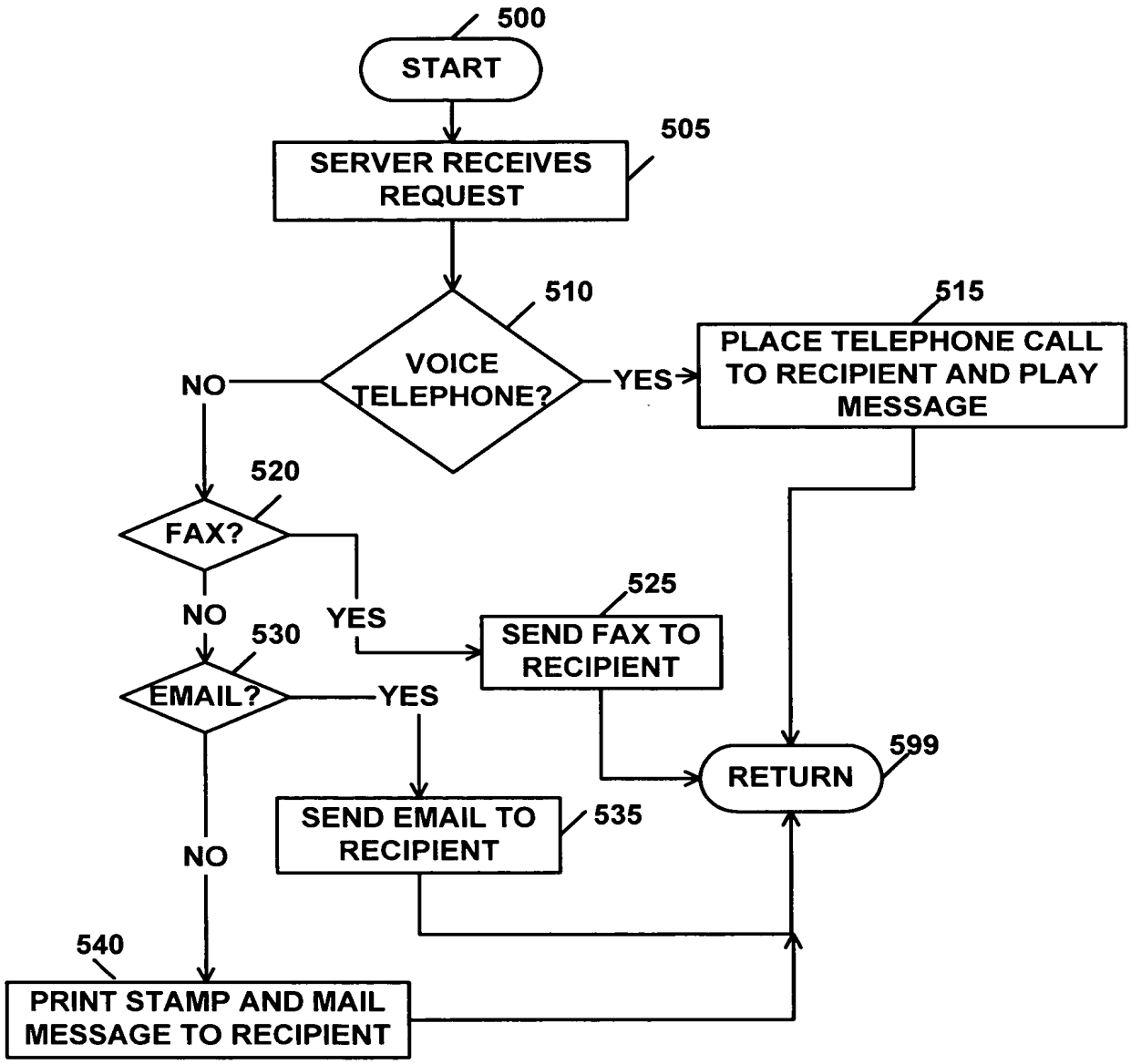
500
START
505
SERVER RECEIVES REQUEST
510
VOICE TELEPHONE?
NO
YES
515
PLACE TELEPHONE CALL TO RECIPIENT AND PLAY MESSAGE
520
FAX?
NO
YES
525
SEND FAX TO RECIPIENT
530
EMAIL?
YES
NO
599
RETURN
SEND EMAIL TO RECIPIENT
535
540
PRINT STAMP AND MAIL MESSAGE TO RECIPIENT

FIG. 5